



PATENT  
Docket No. 515622000100

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 333855385 US, in an envelope addressed to: MS RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 10/22/03

Signature: [Signature] (Tamara Alcaraz)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Stephen P. NOLAN and Jinkuan HUANG

Serial No.: 09/392,869

Filing Date: September 9, 1999

For: CATALYST COMPLEX WITH  
CARBENE LIGAND

Examiner: P. Nazario-Gonzalez

Group Art Unit: 1621

SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Supplemental Information Disclosure Statement is submitted:

- ☒ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114.
- ☐ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - ☐ A fee is required. A check in the amount of \_\_ is enclosed.
  - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of \_\_ is enclosed.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 515622000100. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: October 22, 2003

Respectfully submitted,

By:



Shannon Thomas

Registration No. 52,285

Morrison & Foerster LLP

755 Page Mill Road

Palo Alto, California 94304-1018

Telephone: (650) 813-5744

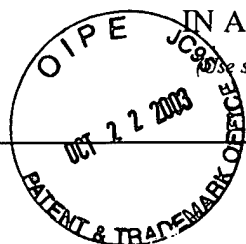
Facsimile: (650) 494-0792

Form PTO-1449

Docket Number 515622000100

Application Number 09/392,869

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION



(Use several sheets if necessary)

Inventor(s)

Steven P. NOLAN and Jinkun HUANG

Filing Date September 9, 1999

Group Art Unit 1621

Mailing Date October 22 2003

Examiner Name P. Nazario-Gonzalez

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Document Date (MM/DD/YYYY)	Document No.	Name	Filing Date If Appropriate
	1.	10/21/2003	6,635,768	Herrmann et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Publication Date (MM/DD/YYYY)	Document No.	Country	Translation YES NO

## OTHER DOCUMENTS

(including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	2.	Ackermann, L. et al. (1999). "Ruthenium Carbene Complexes with Imidazolin-2-ylidene Ligands Allow the Formation of Tetrasubstituted Cycloalkenes by RCM," <i>Tetrahedron Letters</i> 40:4787-4790.
	3.	Scholl, M. et al. (1999). "Increased Ring Closing Metathesis Activity of Ruthenium-Based Olefin Methathesis Catalysts Coordinated with Imidazolin-2-ylidene Ligands," <i>Tetrahedron Letters</i> 40:2247-2250.
	4.	Scholl, M. et al. (1999). "Synthesis and Activity of a New Generation of Ruthenium-Based Olefin Metathesis Catalysts Coordinated with 1,3-Dimesityl-4,5-dihydroimidazol-2-ylidene Ligands," <i>Organic Letters</i> 1(6):953-956.
	5.	Weskamp, T. et al. (1999). "Highly Active Ruthenium Catalysts for Olefin Metathesis: The Synergy of N-Heterocyclic Carbenes and Coordinatively Labile Ligands," <i>Angew Chem. Int. Ed. (Communications)</i> 38(16):2416-2419.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

pa- 832028

PTO/SB/ 08 (04-03)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE